

Amendment to the Claims:

Please amend the claims as follows:

Claim 1 (Currently Amended): A multilayer sheet comprising at least one foamed propylene polymer layer and at least one non-foamed polymer layer, and wherein the non-foamed polymer layer comprises the following: (a) a polymer, comprising units derived from a 1-alkene monomer, and (b) from 10 to 40 weight percent of a filler, based on the total weight of the non-foamed polymer composition, and

wherein the multilayer sheet has properties which satisfy the following relationships:

$$0.3 < T < 1.5 \quad (1a) ,$$

wherein T is the total thickness of the multilayer sheet, measured according to ASTM D645-97, and expressed in millimeters; and

$$100 < G < 500 \quad (1b) ,$$

wherein G is the grammage of the multilayer sheet, determined according to ASTM D646-96, and expressed in grams per square meter;

$$S \geq 2 \times 10^{-7} G^{3.1872} \quad (1c) ,$$

wherein S is the geometric mean bending moment of the multilayer sheet, expressed in milliNewton meter, and calculated from the following relationship:

$$S = (S_m S_c)^{0.5} \quad (1d) ,$$

wherein S_m is the maximum bending moment in the plane of the multilayer sheet, expressed in milliNewton meter, and determined according to the two-point method described in DIN 53121 : 1996-12, and S_c is the bending moment measured perpendicularly to the direction of S_m in the plane of the multilayer sheet, and expressed in milliNewton meter, and determined according to the two-point method described in DIN 53121 : 1996 -12; and

wherein the foam has a density greater than, or equal to, 250 kilograms per cubic meter, and

wherein the thickness of the at least one foamed propylene polymer layer is seven to nine times the thickness of the at least one non-foamed polymer layer.

Claim 2 (Previously Presented): The multilayer sheet of claim 1, wherein the geometric mean bending moment of the multilayer sheet, S, satisfies the following relationship:

$$S \geq 0.0021 G^{1.7573} \quad (2).$$

Claim 3 (Previously Presented): The multilayer sheet according to claim 1, wherein the multilayer sheet comprises a crease.

Claim 4 (Previously Presented): The multilayer sheet of claim 3, wherein the average bending force, F, which is required to maintain the angle of the crease at 90 degrees, is less than 3 Newton.

Claim 5 (Previously Presented): The multilayer sheet according to claim 1, wherein the multilayer sheet has a maximum sheet curl, C, of less than 20 millimeters.

Claim 6 (Previously Presented): The multilayer sheet according to claim 1, wherein the non-foamed polymer layer comprises a polymer, comprising units derived from propylene.

Claim 7 (Previously Presented): The multilayer sheet according to claim 1, wherein the multilayer sheet is thermoformable.

Claim 8 (Previously Presented): An article comprising the multilayer sheet of claim 1.

Claim 9 (Previously Presented): The article of claim 8, wherein the article is a packaging article.

Claim 10 (Previously Presented): The article of claim 8, wherein the article comprises at least one crease or score mark.

Claim 11 (Canceled)

Claims 12-20 (Canceled)

Claims 21-24 (Canceled)

Claim 25 (Previously Presented): The multilayer sheet of claim 1, wherein the sheet has a grammage greater than, or equal to, 200 g/m^2 .

Claim 26 (Currently Amended): The multilayer sheet of claim 4 ~~claim 3~~, wherein depth of the crease, D, expressed in millimeters, is as follows, $D = 0.00109 \text{ G}$.

Claim 27 (Previously Presented): The multilayer sheet of claim 1, wherein the multilayered sheet has a thickness from 0.5 to 1.5 mm.

Claim 28 (Previously Presented): The multilayer sheet of claim 1, wherein the sheet is formed by a coextrusion process.

Claim 29 (New): The multilayer sheet of claim 28, wherein the sheet has a water vapor transmission rate less than $2.0 \text{ g/m}^2 \text{ 24 h}$, and an oxygen transmission rate less than $6000 \text{ cm}^3/\text{m}^2 \text{ 24h}$.

Claim 30 (New): An article comprising the multilayer sheet of claim 29.

Claim 31 (New): The article of claim 30, wherein the article is a packaging article.

Claim 32 (New): The multilayer sheet of claim 1, wherein the sheet has a water vapor transmission rate less than $2.0 \text{ g/m}^2 \text{ 24 h}$, and an oxygen transmission rate less than $6000 \text{ cm}^3/\text{m}^2 \text{ 24h}$.

Claim 33 (New): The multilayer sheet of claim 26, wherein the sheet has a water vapor transmission rate less than $2.0 \text{ g/m}^2 \text{ 24 h}$, and an oxygen transmission rate less than $6000 \text{ cm}^3/\text{m}^2 \text{ 24h}$.

Claim 34 (New): An article comprising the multilayer sheet of claim 33.